

Validation of three family names in the *Magnoliophyta*

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Summary : Names for three families of flowering plants are validly published : *Neuwiediaceae*, *Pteridophyllaceae* and *Symphoremataceae*.

Résumé : Validation du nom de trois familles de plantes à fleurs : *Neuwiediaceae*, *Pteridophyllaceae* et *Symphoremataceae*.

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Continuing studies concerning the classification and nomenclature of vascular plants are showing that some names in current use have as yet not been validly published. In an earlier publication (REVEAL & HOOGLAND, 1990) we have already validated five such names. A further three names of *Magnoliophyta* are validated herewith.

Neuwiediaceae (Burns-Balogh & Funk) R. Dahlgren ex Reveal & Hoogland, *fam. et stat. nov.*

BASIONYM : *Orchidaceae* subfam. *Neuwedioideae* BURNS-BALOGH & FUNK, *Smithsonian Contr. Bot.* 61 : 53 (1986). Type : *Neuwiedia* Blume.

The earlier G. DAHLGREN (1989 : 202) name is a *nom. nud.* R. DAHLGREN had previously communicated to us that he accepted this family as distinct.

Pteridophyllaceae (Murbeck) Nakai ex Reveal & Hoogland, *fam. et stat. nov.*

BASIONYM : *Papaveraceae* subfam. *Pteridophylloideae* MURBECK, *Kongl. Svenska Vetenskapsakad. Handl., n.s.*, 50 (1) : 114 (1912). Type : *Pteridophyllum* von Siebold & Zuccarini.

The earlier SUGIURA ex NAKAI (1943 : 240) name is a *nom. nud.* The name has been used since 1943 by AIRY SHAW (1966 : 935 ; 1973 : 960), who credited the name to “ (MURB.) SUGIURA ex NAK. ”. As he provided only an English description and no full reference to the earlier MURBECK name (which was not mentioned by NAKAI), he failed to validate the name (Arts. 36.1 and 33.2 : GREUTER et al., 1988).

Symphoremataceae (Meisner) Moldenke ex Reveal & Hoogland, *fam. et stat. nov.*

BASIONYM : *Verbenaceae* trib. *Symphoremateae* (“*Symphoremeae*”) MEISNER, *Pl. Vasc. Gen.*, Tab. Diagn. 292, Comm. 200 (1840). Type : *Symphorema* Roxburgh.

The earlier VAN TIEGHEM (1898 : 359, 364 ; 1906 : 369 ; VAN TIEGHEM & COSTANTIN, 1918 : 369, as “*Symphorémacées*”) name is invalid under Art. 18.4 (GREUTER et al., 1988). The VON POST & KUNTZE (1903 : 714, as “*Symphoremataceae*”) and ERDTMAN (1952 : 424, as “*Symphoremaceae*”) names are invalid under Art. 34.1 (c). The MOLDENKE (1946 : 142, and several subsequent publications up to 1980, as “*Symphoremaceae*”) name is invalid under Art. 36.1. BULLOCK (1958 : 32) listed *Symphoremataceae* with the VAN TIEGHEM (1898) reference and his name is also invalid under Art. 36.1.

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